



Oregon Coordinating Council on Ocean Acidification and Hypoxia

Working Group 1: Scientific Understanding and Data Gaps Meeting Summary

Thursday, April 5th, 2018 10:00am – 12:00pm

Location: Remote

Attendees

OAH Council members: Dr. Jim Sumich, Liu Xin, Al Pazar, and Dr. Caren Braby. Absent: Andy Lanier and Dr. Shelby Walker.

Guest presenters: None

OAH Council Staff: Dr. Charlotte Regula Whitefield

10:05am **Getting Started (Council Co-chair Caren Braby)**

10:10am **Proposed Draft Working Group Mission**

“Identify missing information that convinces ourselves and others to continue to build and collect the best available data for the purposes of science, adaptation, and mitigation of ocean acidification and hypoxia throughout Oregon”

10:25am **Working Group Deliverables**

Topics/Recommendations

1) Identifying Types of Data Gaps

- Chemical Monitoring – Oregon Ocean Monitoring Group and the Pacific Coast Collaborative data portal
- Ecological Monitoring and Laboratory Research (including plants and animals)
- Industry Monitoring – Aquaculture and Fisheries needs
- Public perception of information needs – Potentially forming a Workshop
- Regions – Ocean, Nearshore, Estuarine, Freshwater and River

2) Biological Proxies

- Capitalize on citizen science initiatives for Coast wide monitoring
- Small sized organisms with fast reproductive cycles (short generation times)
- Decrease resource demands for expensive chemical monitoring
 - Research and literature review needed to identify 3 widely distributed and biologically sensitive species to use as proxy

3) Regional Gaps for Industry Partnerships

- Yaquina Bay, Tillamook Bay, Coos Bay, and Netarts Bay are all major shellfish regions
- Importance of matching resources to stakeholder and industry needs
 - Yaquina Bay was identified as high priority region of interest
- Leveraging other Oregon institutions, collaborations to Address Data Gaps
- Oregon Ocean Science Trust – work together with the OOST to develop priorities and funding recommendations (SB 1039 suggests OAH Council make recommendations to the OST)
 - Formulate clear recommendations for the OOST and funding needs, coinciding with the development of OOST priorities and funding opportunities
- Oregon State Universities - Marine Studies Initiative connections due to their mission to mentor and guide student research (referenced in SB 1039), as well as MSI interest in OAH center of excellence
 - Formulate fellowships and mentorships between MSI students, regional industries and agencies to address specific OAH data gaps

11:25am Expectations of Participants

Guest speakers at subsequent WG meetings:

George Waldbusser – Oregon State University
 South Slough National Estuarine Research Reserve

External members:

None directly identified at this time

11:35am Working Group Leadership

Liu Xin was selected as working group lead, all in favor none opposed

11:40am Information/Data Needs

Public perception of information needs

Informational “one pagers” created by the Education and Outreach WH – including oysters, muscles, Coho salmon, and Dungeness crab

- Logbooks to gather feedback and additional information that the public are interested in learning more about - placed at local stores and in regional docks along the Coast

Prioritization of actions (Time and Need) – to be completed for next WG meeting

- SB 1039
- OA Action Toolkit
- Portland State University OA Action tool kit brainstorm
- OAH Council February OA Action tool kit brainstorm

12:00pm Adjourn

The proceedings of the OAH Council are open to the public. All printed and recorded materials will be made available to the public after the meetings. For more information on the OAH Council, to access documents or recordings, please visit: OregonOcean.info

Comments or Questions? Please contact
Council Co-Chairs Caren.E.Braby@state.or.us or Jack.Barth@oregonstate.edu
Council staff Charlotte.M.RegulaWhitefield@state.or.us